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July 12, 1996

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Ex Parte

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, D.C. 20554

RECEIVED
JUL 12 1996
Federal Communications Commission
Office of Secretary

Re: Implementation of the Local Competition Provisions in the
Telecommunications Act of 1996, CC Docket No. 96-98

Dear Mr. Caton:

Pursuant to a formal request of Commission staff, I attach materials and information concerning the activities of the Electronic Communications Implementation Committee (ECIC) Ordering Subcommittee.

Should you have any further questions regarding this matter, don't hesitate to give me a call.

Sincerely,

Attachment

cc: Stuart Kupinsky
Robert Tanner

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List ABOVE

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1. Discussion of Purpose, Mission, Scope, and Charter

PURPOSE

The purpose of the ECIC Ordering Subcommittee is to facilitate a common understanding of the interactive electronic ordering standard and related technologies to develop guidelines for the implementation of electronic ordering and inquiry.

MISSION

The mission of the ECIC Ordering Subcommittee is to identify, resolve, and document technical and operational issues for the implementation of electronic ordering. The focus of the committee is application to application "X" interfaces as defined in the Telecommunications Management Network (TMN) architecture to support Operations, Administration, Maintenance and Provisioning (OAM&P).

SCOPE

The scope of the ECIC Ordering Subcommittee is to:

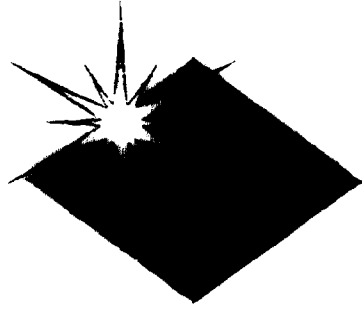
1. Provide guidelines for the voluntary implementation of OAM&P standards for ordering.
2. Identify OAM&P functionality for standardization; recommend and support its development within the appropriate industry forums and standards bodies.
3. Address and document, as appropriate, any other issues of common interest that involve the implementation of electronic bonding for service ordering and are consistent with the ECIC purpose and mission.

CHARTER

The ECIC Ordering Subcommittee will provide clarification of the attributes and their use as specified in the Standards Documents. The subcommittee will also be an interface to the T1M1 Standards committees and the Ordering and Billing Forum (OBF) on proposals for new attributes or changes to existing attributes.

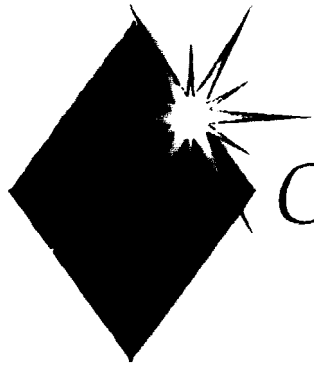
The subcommittee will develop a Managed Object Conformance Statement (MOCS) for current and future attributes.

The subcommittee will develop and maintain a generic requirements document and generic Joint Implementation Agreement for service ordering.



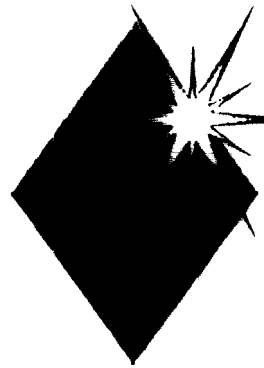
ELECTRONIC BONDING a.k.a. EAOs

Electronic Access Ordering Standard



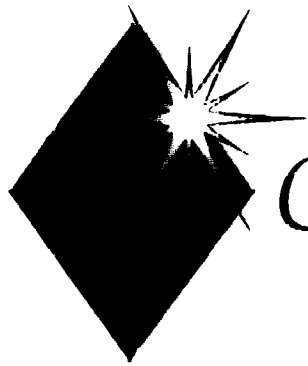
OBF Issue #1008 - 8/94

- ◆ “Real-Time” Data transfer
- ◆ Reduction of ASR data elements
- ◆ AC to be able to order new services quicker than current ASR releases
- ◆ Additional method - not replacing NDM



Some AC requirements to Issue

- ◆ Direct from AC system to AP system
- ◆ Current and future service availability inquiry
- ◆ CFA Inquiry for single or all available channels
- ◆ Multiple services per order
- ◆ Service “stacked” orders
- ◆ Orders for future service availability



OBF ISSUE SCOPE

- ◆ Re-engineered Process
- ◆ End-to-End
- ◆ Inquiry Process
 - ◆ Address
 - ◆ CFA
 - ◆ Product
- ◆ Ordering Process
 - ◆ Special Access
 - ◆ Switched Access
 - ◆ Order Status Inquiry
 - ◆ Emerging Technologies, e.g.. ATM and Frame Relay



Eight functional modules

- ◆ G1 - Location Inquiry
- ◆ G2 - Service Availability
- ◆ G3 - CFA Inquiry
- ◆ G4 - Send Order
- ◆ G5 - Provider and Customer Jeopardy
- ◆ G6 - Response Data to Customer
- ◆ G7 - Retrieve Order Information
- ◆ G8 - Completion Notification



Current Schedule

- ◆ OBF requirement for Inquiries and Special Acc ordering by Aug. 1996
- ◆ Information Models for Inquires and SA ordering by T1M1 by Dec 1996

Electronic Access Ordering

Presented: 3/18/96

ECIC #7

Sheraton Plaza Hotel, Orlando, Fl

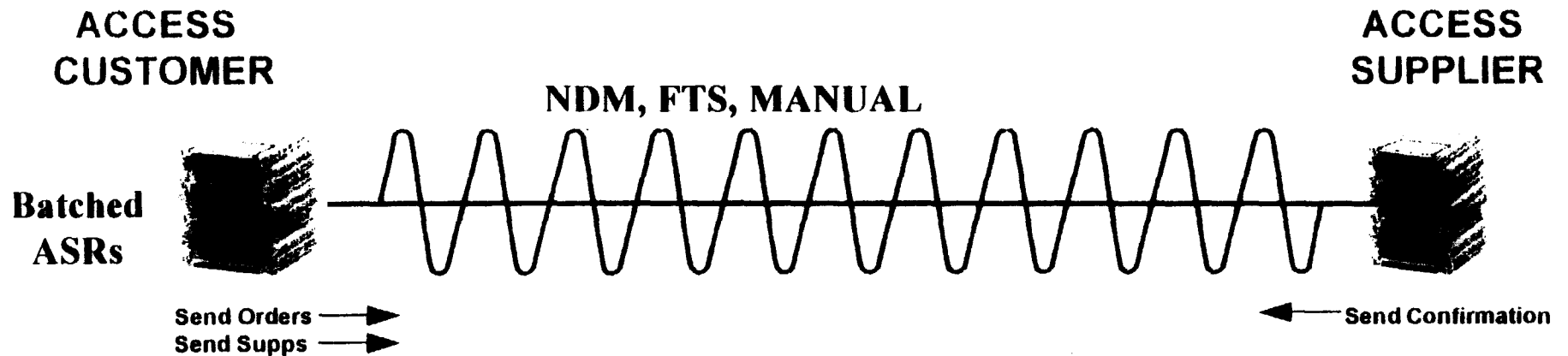
What is Electronic Access Ordering?

(EAO)

- **Method of ordering Access Services, utilizing EB**
 - **Not a replacement for the current ASR ordering process**
- **Allows for Pre-Validation (Queries) outside of the Order Process**
 - **Improves order quality**
 - **Eliminates rework**
 - **Reduces Supps**
- **Takes advantage of re-engineering to streamline the ordering process**
 - **Reduces data elements**
 - **Provides real-time, interactive order capabilities**
- **Allows real-time statusing of order and data**
- **Allows changes to individual data elements**
 - **Eliminates need to resend entire order**

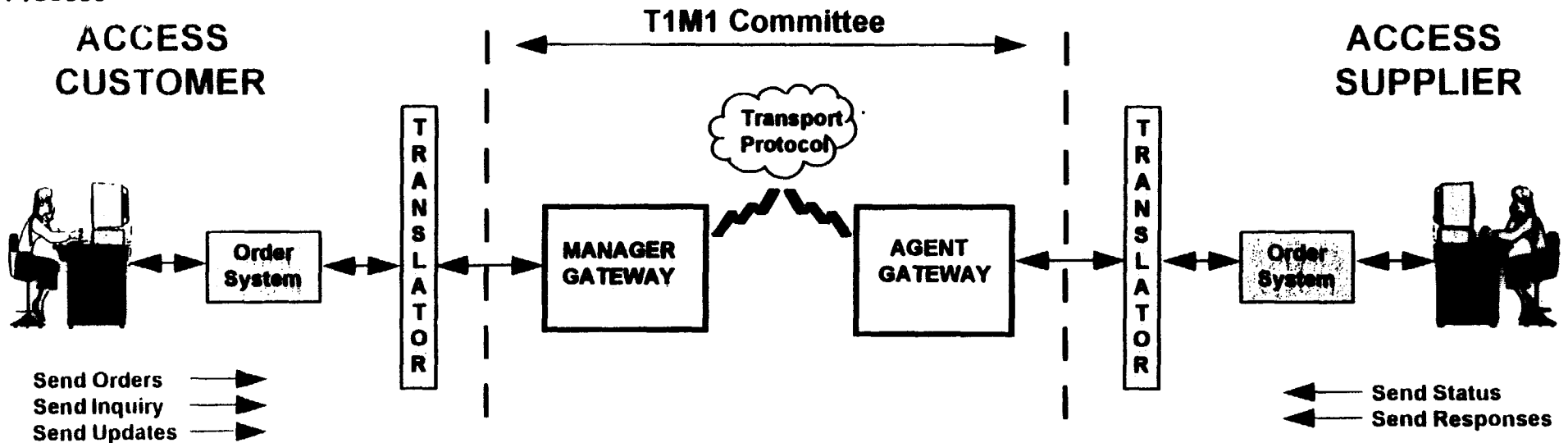


Current ASR Process vs. EAO Process



Current ASR Process

EAO Process



Electronic Access Ordering Advantages

ASR Process

- **Batch**
- **Receipt acknowledged in hours**
- **Confirmation returned in 6 to 48 hours**
- **Validations after the ASR is received by the AP**
- **Rework / Supp costs associated with changes to original ASR**

EB Process

- **Interactive Process**
- **Real-time acknowledgment**
- **Confirmation can be returned within minutes**
- **Customer can pre-validate**
- **Rework / Supp costs eliminated for prevalidated information**
- **Data may be reconciled on-line**
- **Single elements of an order may be modified without a Supp**



More EAO Advantages

ASR Process

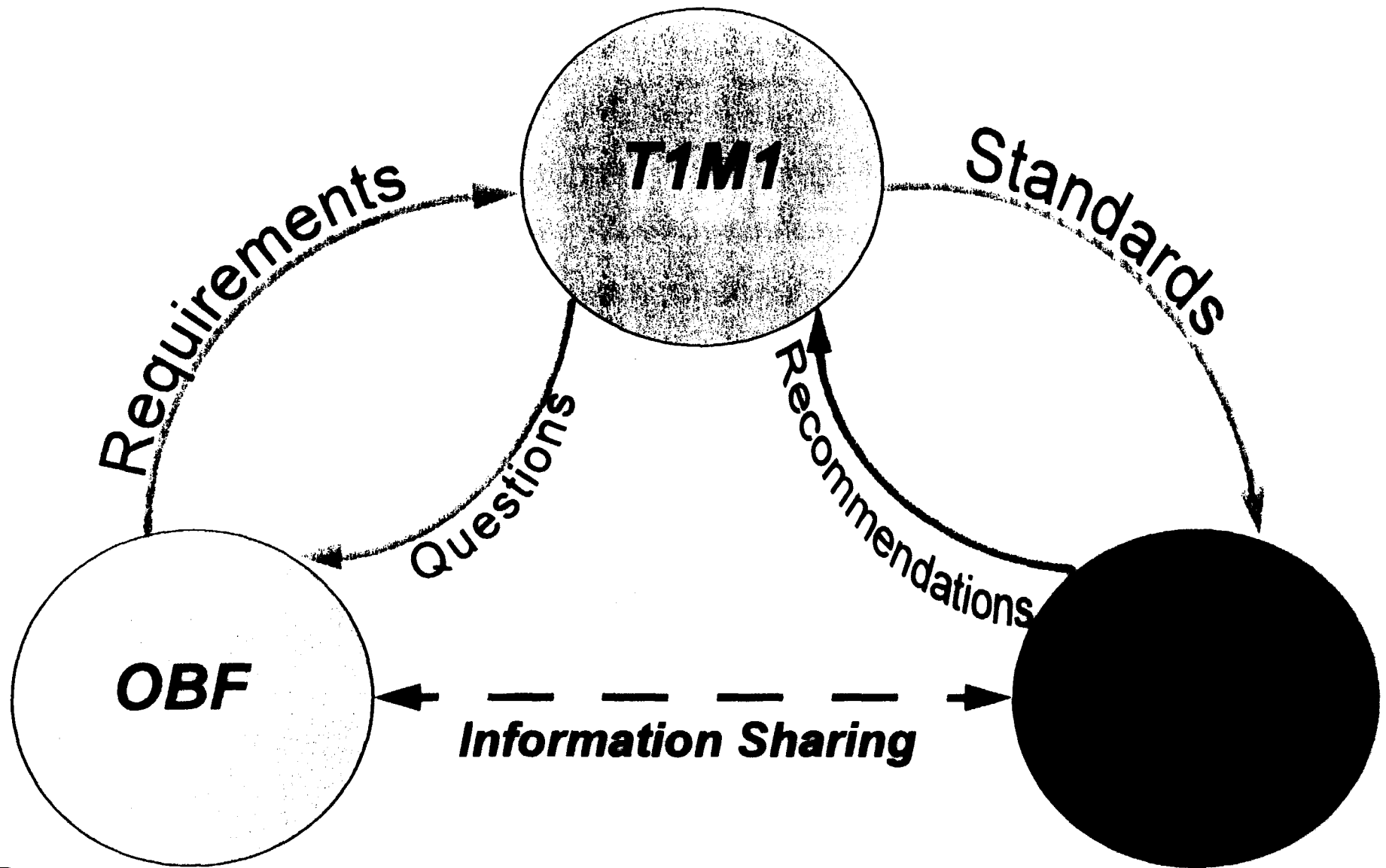
- **Customer must send all elements stated by the ISI**
- **ASR is dependent on remarks for emerging technologies**
- **Account level and billing information sent with each ASR**
- **Current ASR contains redundant / obsolete fields**

EB Process

- **AP/AC determines elements for orders**
- **Process can be re-engineered to provide defined data fields**
- **Account level and billing info only required when changed**
- **Fields for Switched and Specials will be reduced**



Group Interactions - T1M1, OBF, and ECIC



OBF Participation and Involvement

- **Provides final requirements documentation to T1M1**
- **Liaisons from OBF attend T1M1 meetings**
 - **Review new OBF contributions - in draft form**
 - **Review OBF responses to T1M1 questions**
 - **Clarifies requirements for modeling efforts**
- **OBF requirements-to-date**
 - **Process flow and functions for EAO**
 - **Data and scenarios for Location and CFA inquiries**
- **OBF Timeline**
 - **Inquiry requirements completed by May 1996**
 - **Ordering requirements - DS0, DS1, DS3 (attributes only) completed by August 1996**



Where is T1M1 in the Process?

- **Addressing Inquiry Process and Special Access Ordering for DS0, DS1 and DS3**
- **Two models being evaluated**
- **Draft standard (T1M1.5/95-022R2) initiated and contains draft OBF requirements / modeling information**
- **T1M1 questions to ECIC in reference to data integrity and security**
- **T1M1 timeline to complete draft standard for Inquiry and Special Access Ordering to be completed by the November T1M1 meeting**



1996 T1M1 Meetings

- **Interim Meeting April 10-12 Baltimore, MD**
- **2nd Quarter May 13-17 Charleston, SC**
- **3rd Quarter August 12-16 San Antonio, TX**
- **4th Quarter November 18-22 Dallas, TX**
- **Additional Interim meetings may be conducted**

